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Dr. Barth is a crash investigator and biomechanical engineer at the National Transportation Safety Board (NTSB). He received his B.S. in Mechanical Engineering from Colorado State University and his Ph.D. in Applied Science from Cranfield University. Dr. Barth has five years' experience investigating major transportation crashes at the NTSB, concentrating on survivability, crash dynamics, and first response. He has 20 years industry experience in occupant safety, regulatory compliance, and crash dynamics. His experience includes automotive, aviation, railroad, and military vehicle work in the US, Germany, and France.